

CLAIMS

I claim:

1 1. A foldable, air-resistance golf training aid,
2 comprising:

3 an elongated, flexible hub having an outer side, an inner
4 side, opposed upper and lower ends, and opposed sides;

5 a plurality of air resistance vanes extending parallel to
6 and spaced radially outward from said hub;

7 said hub being foldable between a stretched, wrapped,
8 cylindrical configuration having said opposed sides mutually
9 proximate and a stored generally rectangular rest configuration
10 having said opposed sides mutually remote;

11 said inner side of said hub in said wrapped, cylindrical
12 configuration being of such circumference as to engage the shaft
13 of a golf club;

14 said plurality of vanes including a pair of outer vanes
15 proximate respective said opposed sides and at least one
16 intermediate vane;

17 said pair of outer vanes having at least one securing
18 fastener extending between said pair of outer vanes and holding
19 said hub in said stretched, cylindrical configuration, said
securing fastener being detachable from at least one of said pair

21 of outer vanes to allow folding of said hub from said stretched,
22 cylindrical configuration to said stored, rest configuration.

1 2. The golf training aid of claim 1, said flexible hub
2 defining a plurality of radial, outward opening slots therein
3 having opposed slot walls, each said vane extending into a
4 corresponding slot and mounted to one wall thereof, said
5 securing fastener being a belt.

1 3. The golf training aid of claim 2, said slots and said
2 vanes extending mutually parallel when said flexible hub is in
3 said stored, rest configuration.

1 4. The golf training aid of claim 3, wherein said vanes are
2 mounted to said corresponding slot walls by adhesive.

1 5. The golf training aid of claim 2, wherein said plurality
2 of vanes includes an outer pair and an inner pair of intermediate
3 vanes, said flexible hub defining five radially disposed, outward
4 opening slots therein including a central slot, a pair of
5 intermediate slots and a pair of outer slots, each slot having
6 opposed slot walls, said inner pair of intermediate vanes being
7 mounted to said opposed walls of said central slot, said outer
8 pair of intermediate vanes being mounted to one of said slot
9 walls of said corresponding intermediate slots, and said pair of
10 outer vanes being mounted to one of said slot walls of said
11 corresponding pair of outer slots.

2 6. The golf training aid of claim 2, said pair of outer
vanes having an upper securing strap extending between said pair

3 of outer vanes proximate said upper end of said flexible hub, and
4 a lower securing strap extending between said pair of outer vanes
5 proximate said lower end of said flexible hub.

1 7. The golf training aid of claim 6, said pair of outer
2 vanes having respective inner and outer sides, each said securing
3 strap being of loop material attached to one of said pair of
4 outer vanes on the inner side thereof, the other of said pair of
5 outer vanes having a hook material patch attached thereto on the
6 inner side thereof so as to removably engage said corresponding
7 strap of loop material, maintaining said hub in said stretched,
8 cylindrical configuration.

1 8. The golf training aid of claim 7, each said securing
2 strap being double-sided loop material separated and attached to
3 one of said pair of outer vanes on both the inner and outer side
4 thereof, the other of said pair of outer vanes having a hook
5 material patch attached thereto on the outer side thereof so as
6 to removably engage said corresponding strap of loop material
7 maintaining said hub in said storage, rest configuration.

1 9. The golf training aid of claim 5, further comprising at
2 least one extender paddle and axle rivet, at least one said
3 extender paddle rotatably mounted to each of said pair of
4 intermediate vanes by said axle rivets so as to rotate between a
5 closed position conforming with said vane and a fully open
6 position extending upward from said vane.

1 10. The golf training aid of claim 9, further comprising
2 first and second extender paddles rotatably mounted to each of
3 said outer pair of intermediate vanes by said axle rivets, each
4 said first extender paddle being rotatable between a closed
5 position conforming with said vane and an intermediate position
6 extending diagonally upward from said vane, each said second
7 extender paddle being rotatable between a closed position
8 conforming with said vane and a fully open position extending
9 upward from said vane.

1 11. The golf training aid of claim 10, wherein said
2 extender paddles are rotatably mounted to said corresponding
3 intermediate vanes by said axle rivets at a point proximate said
4 upper end of said hub.

1 12. The golf training aid of claim 11, further comprising
2 detents and detent receivers so located in said intermediate
3 vanes and said rotatably attached first and second extender
4 paddles so as to form interlocks therebetween at said closed,
5 said intermediate, and said fully open positions.

1 13. The golf training aid of claim 2, further comprising at
2 least one extender paddle and axle rivet, at least one said
3 extender paddle being rotatably mounted to each of said outer
4 pair of intermediate vanes by said axle rivets so as to rotate
5 between a closed position conforming with said vane and a fully
6 open position extending upward from said vane.

1 14. The golf training aid of claim 13, further comprising
2 first and second extender paddles rotatably mounted to each of
3 said outer pair of intermediate vanes by said axle rivets, each
4 said first extender paddle being rotatable between a closed
5 position conforming with said vane and an intermediate position
6 extending diagonally upward from said vane, each said second
7 extender paddle being rotatable between a closed position
8 conforming with said vane and a fully open position extending
9 upward from said vane.

1 15. The golf training aid of claim 14, wherein said
2 extender paddles are rotatably mounted to said corresponding
3 intermediate vanes at a point proximate said upper end of said
4 hub.

1 16. The golf training aid of claim 15, further comprising
2 detents and detent receivers so located in said intermediate
3 vanes and said rotatably attached first and second extender
4 paddles so as to form interlocks therebetween at said closed,
5 said intermediate, and said fully open positions.

1 17. The golf training aid of claim 15, said stretched,
2 cylindrical hub being positioned relative to the shaft of a golf
3 club such that said outer pair of intermediate vanes located such
4 as to substantially across the path of swing of said golf club
5 shaft such as to provide maximum air resistance to the golf club
6 during the swing thereof.

1 18. A foldable air-resistance golf training aid,
2 comprising:

3 an elongated, flexible hub having an outer side, an inner
4 side, opposed upper and lower ends, and opposed sides;

5 a plurality of air-resistance vanes extending parallel to
6 and spaced radially outward from said hub;

7 said air-resistance vanes being transparent;

8 said hub being foldable between a generally stretched,
9 wrapped, cylindrical configuration having said opposed sides
10 mutually proximate and a stored, generally rectangular rest
11 configuration having said opposed sides mutually remote;

12 said inner side of said hub in said stretched, cylindrical
13 configuration being of such circumference as to engage the shaft
14 of a golf club;

15 said plurality of vanes including a pair of outer vanes
16 proximate respective said opposed sides and at least one
17 intermediate vane;

18 said flexible hub defining a plurality of radial, outward
19 opening slots therein having opposed slot walls, each said vane
20 extending into a corresponding slot and mounted to one wall
21 thereof

22 said pair of outer vanes having at least one securing strap
23 extending between said pair of outer vanes and holding said hub

24 in said tubular configuration, said securing strap being
25 detachable from at least one of said pair of outer vanes to allow
26 folding of said hub from said tubular configuration to said
27 stored configuration.

28 19. The golf training aid of claim 18, said pair of outer
29 vanes having an upper securing strap extending between said pair
30 of outer vanes proximate said upper end of said flexible hub, and
31 a lower securing strap extending between said pair of outer vanes
32 proximate said lower end of said flexible hub.

1 20. The golf training aid of claim 19, said pair of outer
2 vanes having respective inner and outer sides, each said securing
3 strap being of loop material attached to one of said pair of
4 outer vanes on the inner side thereof, the other of said pair of
5 outer vanes having a hook material patch attached thereto on the
6 inner side thereof so as to removably engage said corresponding
7 strap of loop material, maintaining said hub in said stretched,
8 cylindrical configuration.